

Title (en)

ATTACHMENT DEVICE FOR QUICK CONNECT OF TREKKING, SHOOTING AND WEIGHT ASSIST EQUIPMENT

Title (de)

BEFESTIGUNGSVORRICHTUNG ZUR SCHNELLEN VERBINDUNG VON TREKKING-, SCHIESS- UND GEWICHTSASSISTENZAUSRÜSTUNGEN

Title (fr)

DISPOSITIF DE FIXATION POUR CONNEXION RAPIDE POUR ÉQUIPEMENT DE TREKKING, DE TIR ET D'ASSISTANCE DE POIDS

Publication

**EP 3566605 A3 20200212 (EN)**

Application

**EP 19020310 A 20190425**

Priority

US 201815976058 A 20180510

Abstract (en)

A stick having an attachment device for tool-free quick release connection to another stick to form a shooting bipod or tripod and alternatively to connect to a weight-assist receiver of a backpack, the attachment device having a base configured to attach to the stick or to a handle of the stick, an integrally connected arm extending upwardly from the base, and integrally connected first and second fingers projecting outwardly from the base and configured to engage with a finger of a like attachment of the another stick and to alternatively engage within the weight assist receiver, the connecting fingers defining through holes configured to receive a quick-release pin where tool-free insertion or removal of the quick release pin through the through holes quick-connects or quick-releases the connecting fingers with or from the finger of the like attachment of the another stick and alternatively quick-connects or quick-releases the connecting fingers with or from the weight assist receiver.

IPC 8 full level

**A45B 3/00** (2006.01); **A45B 1/00** (2006.01); **A45B 1/04** (2006.01); **A45B 9/02** (2006.01); **F41A 23/10** (2006.01); **F41A 23/14** (2006.01)

CPC (source: EP US)

**A45B 1/04** (2013.01 - EP US); **A45B 3/00** (2013.01 - EP US); **A45B 9/02** (2013.01 - EP US); **F16M 11/041** (2013.01 - EP US); **F16M 11/06** (2013.01 - US); **F16M 11/10** (2013.01 - EP); **F16M 11/16** (2013.01 - EP); **F16M 11/242** (2013.01 - US); **F16M 11/32** (2013.01 - EP); **F16M 11/36** (2013.01 - EP); **F16M 13/04** (2013.01 - EP US); **F16M 13/08** (2013.01 - EP US); **F41A 23/10** (2013.01 - EP US); **F41A 23/14** (2013.01 - EP US); **A45B 2200/00** (2013.01 - EP US)

Citation (search report)

- [XAY] US 3235997 A 19660222 - STONER EUGENE M
- [Y] US 2003042388 A1 20030306 - PETERSON THOMAS K M [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10264860 B1 20190423**; CA 3041481 A1 20190705; CA 3041481 C 20200128; EP 3566605 A2 20191113; EP 3566605 A3 20200212; US 2019343250 A1 20191114

DOCDB simple family (application)

**US 201815976058 A 20180510**; CA 3041481 A 20190426; EP 19020310 A 20190425; US 201916388977 A 20190419